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OIPE

## RAW SEQUENCE LISTING

DATE: 05/30/2002

PATENT APPLICATION: US/10/007,343

TIME: 08:40:53

Input Set : A:\19202DB.txt

Output Set: N:\CRF3\05302002\J007343.raw

4 <110> APPLICANT: Linemeyer, David L.  
 5 Hess, John W.  
 6 Borkowski, Joseph A.  
 7 Bierilo, Kathleen K.  
 8 Menke, John G.  
 10 <120> TITLE OF INVENTION: DNA ENCODING BRADYKININ B1 RECEPTOR  
 13 <130> FILE REFERENCE: 19202DB  
 15 <140> CURRENT APPLICATION NUMBER: 10/007,343  
 C--> 16 <141> CURRENT FILING DATE: 2002-05-17  
 18 <150> PRIOR APPLICATION NUMBER: 09/307,912  
 19 <151> PRIOR FILING DATE: 1999-05-10  
 21 <150> PRIOR APPLICATION NUMBER: 08/932,761  
 22 <151> PRIOR FILING DATE: 1997-09-17  
 24 <150> PRIOR APPLICATION NUMBER: 08/229,418  
 25 <151> PRIOR FILING DATE: 1994-04-15  
 27 <160> NUMBER OF SEQ ID NOS: 2  
 29 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 1307  
 33 <212> TYPE: DNA  
 34 <213> ORGANISM: Human  
 36 <400> SEQUENCE: 1  
 37 cagagaaaac tcttccaaaa gcagctctca ctatcagaaa acccaactac agttgtgaac 60  
 38 gccttcattt tctgcctgag gtctcagtc gtcggcccag actgaagtgc agtggcacia 120  
 39 tcatagctcg ctgcagcctc gaccttccag gcttaaacga ttctcccacc tcagcctctc 180  
 40 gaggttgctg gaccacaggt cactgtgcat ggcacatcc tggccccctc tagagctcca 240  
 41 atcctccaac cagagccagc tcttccctca aaatgctacg gcctgtgaca atgctccaga 300  
 42 agcctgggac ctgctgcaca gaggctgccc gacatttata atctccatct gtttcttcgg 360  
 43 cctcctaggg aacctttttg tctgtttggt ctctctctcg ccccgggcgg aactgaacgt 420  
 44 ggcagaaatc tacctggcca acctggcagc ctctgatctg gtgtttgtct tgggcttgcc 480  
 45 cttctgggca gagaatatct ggaaccagtt taactggcct ttcgagagccc tctctgccc 540  
 46 tgtcatcaac ggggtcatca aggccaattt gttcatcagc atcttctctg tgggtggccat 600  
 47 cagccaggac cgctaccgag tgcgtggtgca ccctatggcc agcggaaggc agcagcggcg 660  
 48 gaggcaggcc cgggtcacct gcgtgctcat ctgggtttgt gggggcctct tgagcatccc 720  
 49 cacattcctg ctgcgatcca tccaagccgt cccagatctg aacatcaccc cctgcaccc 780  
 50 gctcctcccc catgaggcct ggcactttgc aaggattgtg gaggtaataa ttctgggttt 840  
 51 cctcctacca ctggtgcca tgcgtctctt caactaccac atcctggcct cctgccaac 900  
 52 gcgggaggag gtcagcagga caaggtgcgg gggccgcaag gatagcaaga ccacagcgt 960  
 53 gatcctcacg ctgctggttg ccttccctgt ctgctgggac ccttaccact tctttgcctt 1020  
 54 cctggaattc taattccagg tgcaagcagt ccgaggtcgc ttttgggagg acttcattga 1080  
 55 cctgggacct caattggcca acttctttgc cttactaac agctccctga atccagtaat 1140  
 56 ttatgtcttt gtgggcccgc tcttcaggac caaggtctg gaactttata aacaatgcac 1200  
 57 ccctaaaagt cttgctccaa tatcttcac ccataggaaa gaaatcttcc aacttttctg 1260

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58 gcggaattaa aacagcattg aaccaagaaa aaaaaaaaaa aaaaaaa 1307

60 <210> SEQ ID NO: 2

61 <211> LENGTH: 353

62 <212> TYPE: PRT

63 <213> ORGANISM: Human

65 <400> SEQUENCE: 2

66 Met Ala Ser Ser Trp Pro Pro Leu Glu Leu Gln Ser Ser Asn Gln Ser

67 1 5 10 15

68 Gln Leu Phe Pro Gln Asn Ala Thr Ala Cys Asp Asn Ala Pro Glu Ala

69 20 25 30

70 Trp Asp Leu Leu His Arg Val Leu Pro Thr Phe Ile Ile Ser Ile Cys

71 35 40 45

72 Phe Phe Gly Leu Leu Gly Asn Leu Phe Val Leu Leu Val Phe Leu Leu

73 50 55 60

74 Pro Arg Arg Gln Leu Asn Val Ala Glu Ile Tyr Leu Ala Asn Leu Ala

75 65 70 75 80

76 Ala Ser Asp Leu Val Phe Val Leu Gly Leu Pro Phe Trp Ala Glu Asn

77 85 90 95

78 Ile Trp Asn Gln Phe Asn Trp Pro Phe Gly Ala Leu Leu Cys Arg Val

79 100 105 110

80 Ile Asn Gly Val Ile Lys Ala Asn Leu Phe Ile Ser Ile Phe Leu Val

81 115 120 125

82 Val Ala Ile Ser Gln Asp Arg Tyr Arg Val Leu Val His Pro Met Ala

83 130 135 140

84 Ser Gly Arg Gln Gln Arg Arg Arg Gln Ala Arg Val Thr Cys Val Leu

85 145 150 155 160

86 Ile Trp Val Val Gly Gly Leu Leu Ser Ile Pro Thr Phe Leu Leu Arg

87 165 170 175

88 Ser Ile Gln Ala Val Pro Asp Leu Asn Ile Thr Ala Cys Ile Leu Leu

89 180 185 190

90 Leu Pro His Glu Ala Trp His Phe Ala Arg Ile Val Glu Leu Asn Ile

91 195 200 205

92 Leu Gly Phe Leu Leu Pro Leu Ala Ala Ile Val Phe Phe Asn Tyr His

93 210 215 220

94 Ile Leu Ala Ser Leu Arg Thr Arg Glu Glu Val Ser Arg Thr Arg Cys

95 225 230 235 240

96 Gly Gly Arg Lys Asp Ser Lys Thr Thr Ala Leu Ile Leu Thr Leu Val

97 245 250 255

98 Val Ala Phe Leu Val Cys Trp Ala Pro Tyr His Phe Phe Ala Phe Leu

99 260 265 270

100 Glu Phe Leu Phe Gln Val Gln Ala Val Arg Gly Cys Phe Trp Glu Asp

101 275 280 285

102 Phe Ile Asp Leu Gly Leu Gln Leu Ala Asn Phe Phe Ala Phe Thr Asn

103 290 295 300

104 Ser Ser Leu Asn Pro Val Ile Tyr Val Phe Val Gly Arg Leu Phe Arg

105 305 310 315 320

106 Thr Lys Val Trp Glu Leu Tyr Lys Gln Cys Thr Pro Lys Ser Leu Ala

107 325 330 335

108 Pro Ile Ser Ser Ser His Arg Lys Glu Ile Phe Gln Leu Phe Trp Arg

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109

340

345

350

110 Asn

VERIFICATION SUMMARY

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DATE: 05/30/2002

TIME: 08:40:54

Input Set : A:\19202DB.txt

Output Set: N:\CRF3\05302002\J007343.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date